

## CHAPTER 7

### CHECKLIST OF STUDIES

7-1. The following checklist identifies some of the environmental factors that should be considered for deep-draft navigation projects. This checklist is cumulative, and not all studies are appropriate for all projects.

a. Characterization of existing conditions at project site, including habitat and other environmental characteristics.

b. Estimation of construction activities by others likely to be associated with Federal projects.

c. Evaluation of project effects on circulation patterns and salinity distribution.

d. Evaluation of project effects on water quality.

e. Characterization and testing of sediments to be dredged (Section 404 or 103 evaluation as appropriate).

f. Analysis of dredging alternatives (dredge plant, timing, etc.).

g. Analysis of disposal alternatives.

h. Evaluation of project effects on sedimentation rates and shoaling locations.

i. Analysis of effects of winter navigation if ice coverage will occur.

j. Evaluation of aesthetic, cultural, and recreational aspects.

k. Coordination with other agencies, the public, and private groups.

l. Planning and design of monitoring programs.